

## List of publications

### Publications associated with this thesis

Early diagnostic marker panel determination for microarray based clinical studies.

Jäger J, Weichenhan D, Ivandic B, Spang R (2005).

*SAGMB* 4(1):Art 9.

Atherosclerotic plaque smooth muscle cells have a distinct phenotype.

Mulvihill ER, Jäger J, Sengupta R, Ruzzo WL, Reimer C, Lukito S, Schwartz SM (2004).

*Arterioscler. Thromb. Vasc. Biol.* 24:1283-1289.

Vom Biochip zur maßgeschneiderten Therapie.

Jäger J, Spang R (2004).

*BIOforum* 6:50-51.

Improved Gene Selection for Classification of Microarrays.

Jäger J, Sengupta R and Ruzzo WL (2003).

*Proceedings of the Pacific Symposium on Biocomputing*, 53-64.

Normalization of small diagnostic microarrays.

Jäger J and Spang R; under review

Gene expression signatures for tumor progression, tumor subtype and tumor thickness in laser-microdissected melanoma tissues.

Jäger J, Koczan D, Thiesen HJ, Ibrahim SM, Gross G, Spang R, Kunz M; under review

A Marfan Syndrome Gene Expression Phenotype in Cultured Skin Fibroblasts.

Yao Z, Jäger J, Ruzzo WL, Reimer CZ, Emond M, Francke U, Milewicz DM, Schwartz SM and Mulvihill ER; under review

### Prior publications

Spielverderber, Solitaire mit dem Computer lösen.

Jörn Eichler, Jochen Jäger, Thomas Ludwig (1999).

*c't*, Heinz Heise Verlag, 7:218-25.

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A fast parallel Clustering Algorithm for Large Spatial Databases.  
Xiaowei Xu, Jochen Jäger, Hans-Peter Kriegel (1999).  
*Data Mining and Knowledge Discovery*, 3(3):263-90.

## **Conference presentations**

Improved gene selection for classification of microarrays  
Jochen Jäger, Rimli Sengupta, Walter L. Ruzzo  
Pacific Symposium on Biocomputing, January 2003, Kauai, HI, USA

Design of a clinical microarray chip  
Jochen Jäger, Rainer Spang  
European Conference on Computational Biology, September 2003, Paris, France

Design of a clinical microarray chip  
Jochen Jäger, Rainer Spang  
Bioinformatics Research and Education Workshop (BREW), April 2004, Helsinki, Finland

Ehrenwörtliche Erklärung

Hiermit erkläre ich, dass ich diese Arbeit selbständig verfasst und keine anderen als die angegebenen Hilfsmittel und Quellen verwendet habe.

Jochen Jäger

Berlin, 13. Juni 2006